

# Reclamation Soil

COMM-15-01

*a few years in review*



Image of a reclaimed quarry in Quincy by Logan Ingalls. <https://flic.kr/p/8oBZiJ>

# What is Reclamation Soil?

- COMM-15-01
  - COMM-15-01 is the Interim Policy on the Re-Use of Soil for Large Reclamation Projects. This policy was implemented pursuant to Section 277 of the FY2015 state budget
- Reclamation soil is soil that is less than RCS-1 or RCS-2
- Administrative Consent Order (ACO), ACO functions as a permit for the facility.
- Seven approved facilities in MA.

# ACOs and SMPs

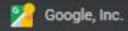
- Administrative Consent Order (ACO) - Legal framework for facility approval
  - Provides regulatory submittal guidelines and what is expected of project proponents and Third Party Inspectors (TPI).
- Soil Management Plan (SMP) – Is part of the ACO Provides details for that facility's operation including Soil Acceptance Criteria (SAC). SAC are specific to that facility and are the standards of concentrations that must be met for incoming soil loads.

# Why?

- Mitigation of safety hazards that abandoned quarries and gravel pits pose.
- Provides a reliable local place to send soil.
- Fulfills a need in the marketplace.



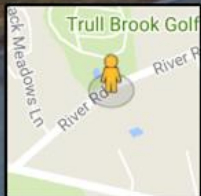
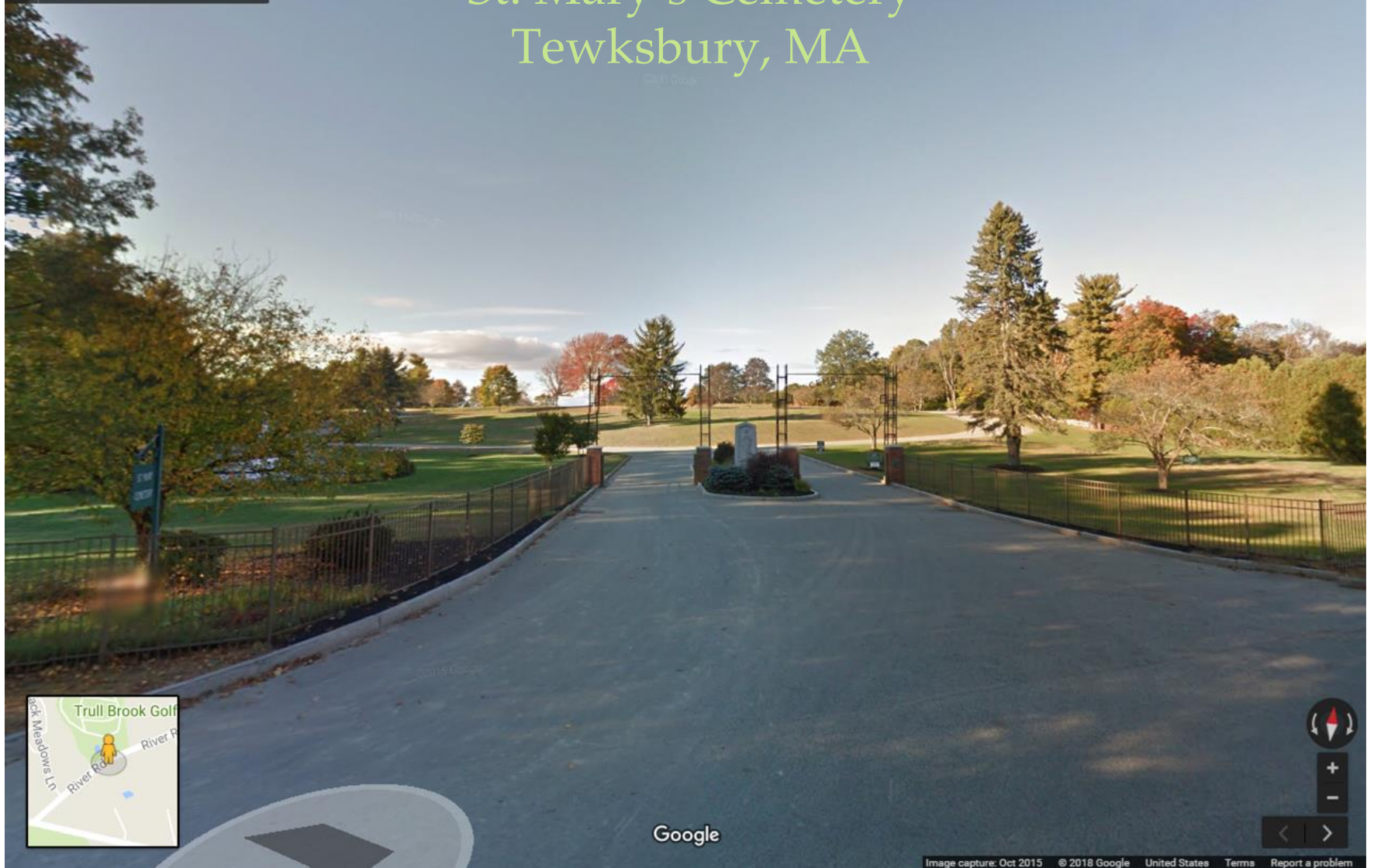
83 River Rd  
Tewksbury, Massachusetts



Google, Inc.

Street View - Oct 2015

# St. Mary's Cemetery Tewksbury, MA



Google





# St. Mary's Cemetery Expansion – Tewksbury, MA



Image MassGIS, Commonwealth of Massachusetts EOEA

Google Earth

Imagery Date: 12/31/2000 42°39'05.55" N 71°16'02.81" W elev 153 ft eye alt 3774 ft

04/2018

1996



# St. Mary's Cemetery Expansion – Tewksbury, MA



08/2013



Imagery Date: 8/24/2013 42°39'05.55" N 71°16'02.81" W elev 153 ft eye alt 3774 ft

Google Earth



6/2015

# St. Mary's Cemetery Expansion – Tewksbury, MA



Google Earth

06/2015



Imagery Date: 6/6/2015 42°39'05.55" N 71°16'02.81" W elev 153 ft eye alt 3774 ft



# St. Mary's Cemetery Expansion – Tewksbury, MA



05/2016



Imagery Date: 5/10/2016 42°39'05.55" N 71°16'02.81" W elev 153 ft eye alt 3774 ft

Google Earth



4/2017

# St. Mary's Cemetery Expansion – Tewksbury, MA



04/2017

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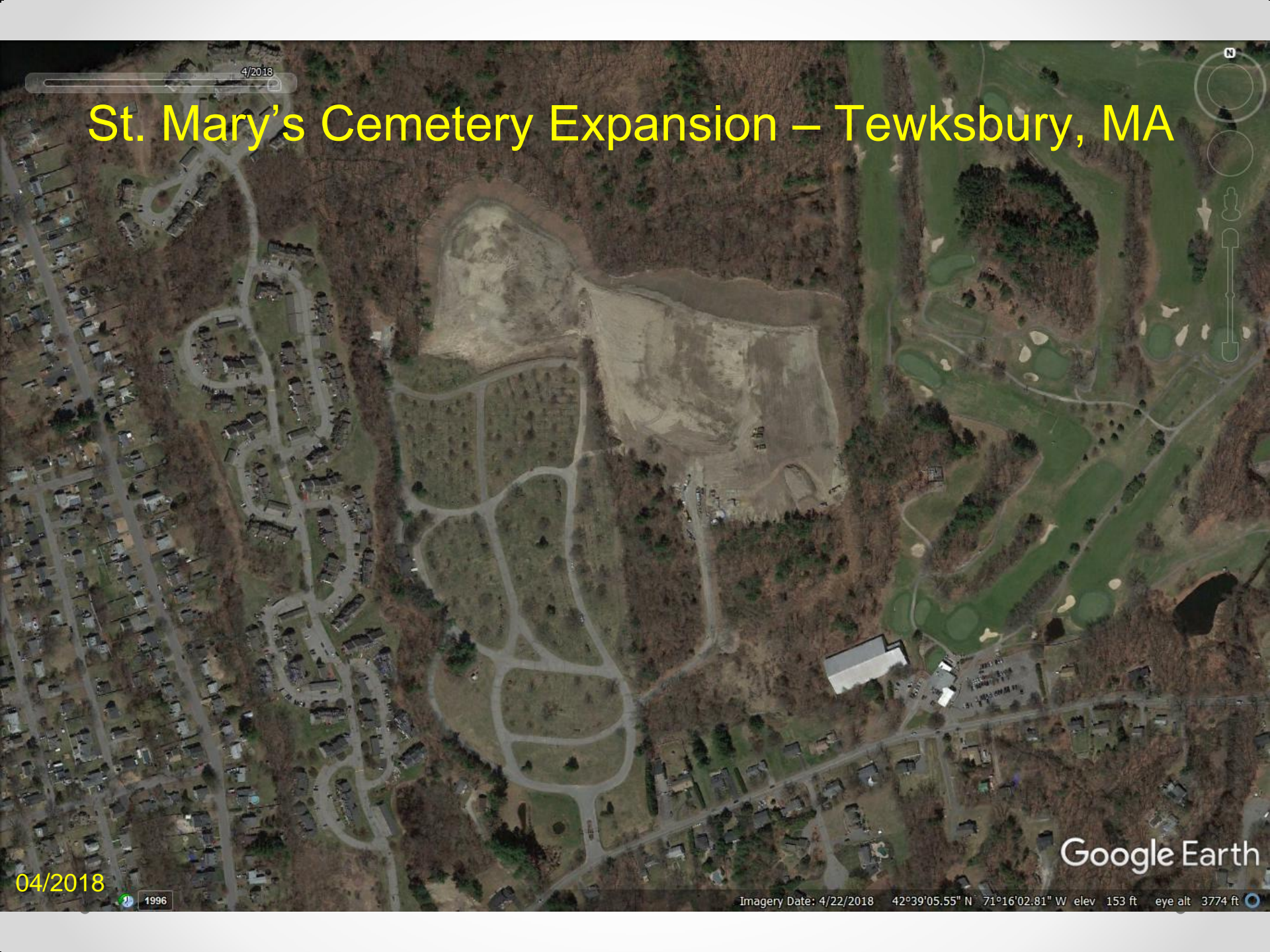
Google Earth

Imagery Date: 4/14/2017 42°39'05.55" N 71°16'02.81" W elev 153 ft eye alt 3774 ft



4/2018

# St. Mary's Cemetery Expansion – Tewksbury, MA



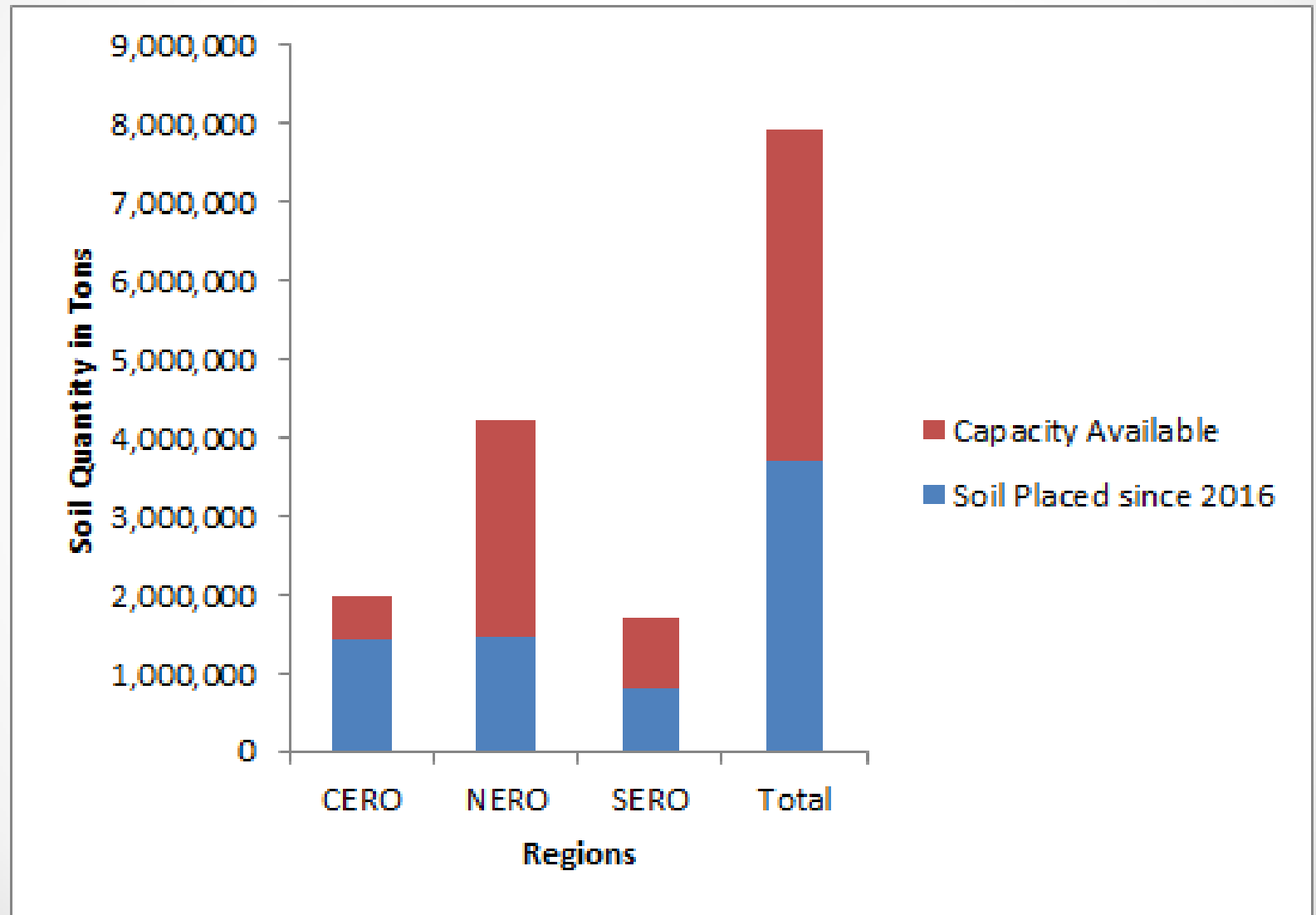
Google Earth

04/2018



Imagery Date: 4/22/2018 42°39'05.55" N 71°16'02.81" W elev 153 ft eye alt 3774 ft

# Soil Quantities





# Soil Quantities Total

- Approximately 3,703,340 tons re-used since 2016
- Approximately 4,211,684 tons of soil capacity available.
- Approximately 970,830 tons of RCS-2 soil capacity.
- The majority of soil was generated in Boston area.
- Some out of state soil was received.

# Street Sweeping Policy BAW-18-001

- Policy supersedes policy #BWP-94-092
- Establishes pre-approved uses for street sweepings
- Reclamation Soil is now considered a pre-approved use under section 5.6



# Rejected Soil

- How is a load of soil considered inappropriate for re-use at a COMM-15 Facility?
- Common reasons loads are rejected:
  - pH exceeds the SAC standard of 9 S.U. or below 5 S.U.
  - Fails PID screening
  - Visual/Olfactory Inspections are failed
  - Other compounds exceeding SAC

# Enforcement

- ACOs and SMPs lay out straightforward guidelines that must be met.
- Regional, dedicated MassDEP Staff review all reports submitted.
- MassDEP does conduct inspections at the facilities.



# Amendments to ACOs

- ACO amendments may be initiated by DEP or the facility proponents.
- ACO amendments initiated by facility proponents
  - St. Mary's
- ACO amendments initiated by MassDEP
  - Usually the result of enforcement actions

# Contacts for COMM-15

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- Visit our website: <https://www.mass.gov/soil-transport-re-use-and-disposal>



# Questions?

What would you like to do?

Top tasks

Manage Soil as Hazardous  
Waste →

Re-Use Soil at Landfills →

All other tasks

Re-Use Soil for  
Reclamation Projects →

Apply the "Similar Soils"  
Approach →

Manage Soil Along Rail  
Trails →

TELL US WHAT YOU THINK